

In the Claims:

This listing of claims shall replace all prior versions and listings of claims.

Claim 1: (original): An isolated nucleic acid molecule comprising a polynucleotide having a nucleotide sequence at least 95% identical to a sequence selected from the group consisting of:

- (a) a polynucleotide fragment of SEQ ID NO:X or a polynucleotide fragment of the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X;
- (b) a polynucleotide encoding a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X;
- (c) a polynucleotide encoding a polypeptide domain of SEQ ID NO:Y or a polypeptide domain encoded by the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X;
- (d) a polynucleotide encoding a polypeptide epitope of SEQ ID NO:Y or a polypeptide epitope encoded by the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X;
- (e) a polynucleotide encoding a polypeptide of SEQ ID NO:Y or the cDNA sequence included in ATCC Deposit No:Z, which is hybridizable to SEQ ID NO:X, having biological activity;
- (f) a polynucleotide which is a variant of SEQ ID NO:X;
- (g) a polynucleotide which is an allelic variant of SEQ ID NO:X;
- (h) a polynucleotide which encodes a species homologue of the SEQ ID NO:Y;
- (i) a polynucleotide capable of hybridizing under stringent conditions to any one of the polynucleotides specified in (a)-(h), wherein said polynucleotide does not hybridize under stringent conditions to a nucleic acid molecule having a nucleotide sequence of only A residues or of only T residues.

Claims 2-7: (canceled)

Claim 8: (original): A method of making a recombinant host cell comprising the isolated nucleic acid molecule of claim 1.

Claims 9-12: (canceled)

Claim 13: (original): An isolated antibody that binds specifically to the isolated polypeptide of claim 11.

Claim 14: (canceled)

Claim 15: (original): A method of making an isolated polypeptide comprising:

(a) culturing the recombinant host cell of claim 14 under conditions such that said polypeptide is expressed; and

(b) recovering said polypeptide.

Claim 16: (canceled)

Claim 17: (original): A method for preventing, treating, or ameliorating a medical condition, comprising administering to a mammalian subject a therapeutically effective amount of the polypeptide of claim 11.

Claim 18: (original): A method for preventing, treating, or ameliorating a medical condition, comprising administering to a mammalian subject a therapeutically effective amount of the polynucleotide of claim 1.

Claim 19: (original): A method of diagnosing a pathological condition or a susceptibility to a pathological condition in a subject comprising:

(a) determining the presence or absence of a mutation in the polynucleotide of claim 1; and

(b) diagnosing a pathological condition or a susceptibility to a pathological condition based on the presence or absence of said mutation.

Claim 20: (original): A method of diagnosing a pathological condition or a susceptibility to a pathological condition in a subject comprising:

(a) determining the presence or amount of expression of the polypeptide of claim 11 in a biological sample; and

(b) diagnosing a pathological condition or a susceptibility to a pathological condition based on the presence or amount of expression of the polypeptide.

Claim 21: (original): A method for identifying a binding partner to the polypeptide of claim 11 comprising:

- (a) contacting the polypeptide of claim 11 with a binding partner; and
- (b) determining whether the binding partner effects an activity of the polypeptide.

Claim 22: (canceled)

Claim 23: (original): A method of identifying an activity in a biological assay, wherein the method comprises:

- (a) expressing SEQ ID NO:X in a cell;
- (b) isolating the supernatant;
- (c) detecting an activity in a biological assay; and
- (d) identifying the protein in the supernatant having the activity.

Claim 24: (canceled)

Claim 25: (new): An isolated protein comprising amino acid residues 31 to 198 of SEQ ID NO:225.

Claim 26: (new): The isolated protein of claim 25 which comprises amino acid residues 2 to 198 of SEQ ID NO:225.

Claim 27: (new): The isolated protein of claim 25 which comprises amino acid residues 1 to 198 of SEQ ID NO:225.

Claim 28: (new): The protein of claim 25 which further comprises a heterologous polypeptide sequence.

Claim 29: (new): A composition comprising the protein of claim 25 and a pharmaceutically acceptable carrier.

Claim 30: (new): An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 25 by a cell; and
- (b) recovering said protein.

Claim 31: (new): An isolated protein comprising the amino acid sequence of the secreted portion of the polypeptide encoded by the HCUDW10 cDNA contained in ATCC Deposit No. 209197.

Claim 32: (new): The isolated protein of claim 31 which comprises the amino acid sequence of the complete polypeptide encoded by the HCUDW10 cDNA contained in ATCC Deposit No. 209197, excepting the N-terminal methionine.

Claim 33: (new): The isolated protein of claim 31 which comprises the amino acid sequence of the complete polypeptide encoded by the HCUDW10 cDNA contained in ATCC Deposit No. 209197.

Claim 34: (new): The protein of claim 31 which further comprises a heterologous polypeptide sequence.

Claim 35: (new): A composition comprising the protein of claim 31 and a pharmaceutically acceptable carrier.

Claim 36: (new): An isolated protein produced by the method comprising:
(a) expressing the protein of claim 31 by a cell; and
(b) recovering said protein.

Claim 37: (new): An isolated protein comprising a polypeptide sequence which is at least 90% identical to amino acid residues 1 to 198 of SEQ ID NO:225.

Claim 38: (new): The isolated protein of claim 37, wherein said polypeptide sequence is at least 95% identical to amino acid residues 1 to 198 of SEQ ID NO:225.

Claim 39: (new): The protein of claim 37 which further comprises a heterologous polypeptide sequence.

Claim 40: (new): A composition comprising the protein of claim 37 and a pharmaceutically acceptable carrier.

Claim 41: (new): An isolated protein produced by the method comprising:
(a) expressing the protein of claim 37 by a cell; and
(b) recovering said protein.

Claim 42: (new): An isolated protein comprising a polypeptide sequence which is at least 90% identical to the complete polypeptide encoded by the HCUDW10 cDNA contained in ATCC Deposit No. 209197.

Claim 43: (new): The isolated protein of claim 42, wherein said polypeptide sequence is at least 95% identical to the complete polypeptide encoded by the HCUDW10 cDNA contained in ATCC Deposit No. 209197.

Claim 44: (new): The protein of claim 42 which further comprises a heterologous polypeptide sequence.

Claim 45: (new): A composition comprising the protein of claim 42 and a pharmaceutically acceptable carrier.

Claim 46: (new): An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 42 by a cell; and
- (b) recovering said protein.

Claim 47: (new): An isolated protein consisting of at least 30 contiguous amino acid residues of amino acid residues 31 to 198 of SEQ ID NO:225.

Claim 48: (new): The isolated protein of claim 47 which consists of at least 50 contiguous amino acid residues of amino acid residues 31 to 198 of SEQ ID NO:225.

Claim 49: (new): The protein of claim 47 which further comprises a heterologous polypeptide sequence.

Claim 50: (new): A composition comprising the protein of claim 47 and a pharmaceutically acceptable carrier.

Claim 51: (new): An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 47 by a cell; and
- (b) recovering said protein.

Claim 52: (new): An isolated protein consisting of at least 30 contiguous amino acid residues of the secreted portion of the polypeptide encoded by the HCUDW10 cDNA contained in ATCC Deposit No. 209197.

Claim 53: (new): The isolated protein of claim 52 which consists of at least 50 contiguous amino acid residues of the secreted portion of the polypeptide encoded by the HCUDW10 cDNA contained in ATCC Deposit No. 209197.

Claim 54: (new): The protein of claim 52 which further comprises a heterologous polypeptide sequence.

Claim 55: (new): A composition comprising the protein of claim 52 and pharmaceutically acceptable carrier.

Claim 56: (new): An isolated protein produced by the method comprising:

- (a) expressing the protein of claim 52 by a cell; and
- (b) recovering said protein.